T E N N E S S E E

T F A C A

TENNESSEE FIRE SERVICE & CODES ENFORCEMENT ACADEMY

MULTIMEDIA LENDING LIBRARY

STATE OF TENNESSEE
DEPARTMENT OF COMMERCE & INSURANCE
DIVISION OF FIRE PREVENTION

Tennessee Fire Service and Codes Enforcement Academy
Multimedia Lending Library

General Information

The Tennessee Fire Service and Codes Enforcement Academy (TFACA) Multimedia Lending Library is established for the purpose of loaning training materials to the State of Tennessee Fire Service and Codes Enforcement communities to support local training.

This document contains general information, an explanation of the Lending Agreement, instructions for ordering, and the catalog of resource materials.

The overall success of the Lending Library is based on your treatment of the loaned materials, and prompt viewing and return of those materials.

Upon execution of the Lending Agreement form, an agency may obtain, on a loan basis, and at no cost other than return shipping and insurance, any item listed in the catalog, pending availability.

No materials will be loaned to out-of-state agencies or organizations.

To ensure availability of these materials, the TFACA reserves the resource materials listed in the catalog for the exclusive use of the Multimedia Lending Library participants.

A copy of the Multimedia Lending Agreement is included as part of the package. A loose copy is also provided for submission to the Tennessee Fire Service and Codes Enforcement Academy by participants.

Loan requests will be accepted via standard mail, electronic mail (email), and facsimile. Verbal requests will not be accepted.

In the event an item is damaged, lost, destroyed, accidentally erased or otherwise tampered with, the borrowing agency is responsible for the cost of its replacement, based on the item's original market price as set by the retail distributor/vendor at the time of replacement.

Insuring loaned items for the amount of $50 is requested in order to limit an agency's liability. Failure to insure material when returning items does not relieve the borrowing agency of its financial responsibility as stated in the Lending Agreement.

Each agency participating in the Multimedia Lending Library is required to submit the names of two representatives that are authorized to request resource material from the library. Naming two (2) agency representatives ensures that

the Fire Chief or senior Codes Enforcement official knows who might be borrowing materials on behalf of their agency. TFACA will not accept requests from other than the two (2) persons identified on the Lending Agreement.

1. The requested viewing period shall not exceed (1) one week. It is advisable to prioritize your request and list more than 2 items; in that, your first choice(s) may not be available at the specific time you want them. There is a limit of two items at a time. Additional materials will not be sent until the first two items have been returned.
2. All requests must be in writing (mail, electronic mail, or facsimile). The written request must include the following information:
    a. Agency name.
    b. Name of person requesting materials.
    c. Physical address.
    d. Viewing date.
    e. Title and library number.
3. Place your orders as far in advance as possible. Items are shipped approximately ten (10) days prior to your scheduled viewing time, in order to ensure on-time delivery of the items and to allow for previewing time.
4. In the event an item is not available for the requested viewing date(s) the request would be placed on a waiting list. Notification of the earliest show date available will be made, and you must accept said notification within 15 days of its receipt.
5. After viewing, please complete the survey enclosed with each item and return with the item. This information is important to our records, and notes any needed repairs or replacement required.
6. DO NOT MAKE ANY REPAIRS TO THE ITEMS. The Lending Library will make ALL necessary repairs.
7. Items are to be returned no later than the regular business day after the scheduled viewing period. Under no circumstances should you hold the item for another “unscheduled” showing or loan it to another organization for their use. Many of the items are scheduled back-to-back and need to be re-sent to someone else as soon as they are returned. *If you feel it is necessary to keep the item longer than your scheduled time, call TFACA to confirm whether or not this will be acceptable. If the item is not scheduled your lending time may be extended.
8. Returned items should be mailed and insured for the recommended amount of $50.00.

To order item(s) send requests to the attention of:

Multimedia Lending Library
Tennessee Fire Service & Codes Enforcement Academy
2161 Unionville-Deason Road
Bell Buckle, TN 37020
tfaca.info@state.tn.us

Other Sources-The Tennessee State Fire Marshal's Office has a comprehensive lending library with primary emphasis on public fire education and fire prevention. They can be contacted at 615-741-2981.

Copyright-Virtually all materials contained in the Multimedia Lending Library are copyrighted. TFACA cannot approve the reproduction of copyrighted materials. You are reminded that violation of copyright laws is a Federal offense. As a learning institution we have obtained permission to copy for our education program. TFACA can not approve additional reproduction.

Suggestions for Multimedia Materials-It is very important that the equipment used to run any multimedia materials be in good working order and operate in accordance with manufacturer's instructions. Equipment should be stopped immediately if the picture or sound becomes distorted. Continued operation under these conditions will probably damage the item beyond repair.

A suggested showing procedure for the instructor to follow is described below:

1. Before the class begins, PREVIEW the multimedia material. Determine the key points, and prepare a brief list of discussion questions.
2. INTRODUCE the material to the students. Explain how the contents will benefit them, and identify key points to look for.
3. SHOW the material, stopping as necessary to discuss key points or to answer questions.
4. Following the showing, encourage questions and DISCUSSION by the students. The discussion questions previously prepared should be used to ensure that students understand and can apply the skills and knowledge presented in the material.
5. Following discussion, time should be planned to review the material. In many cases, an instructor's guide accompanies the training material, and should be reviewed and followed.

IMPORTANT USER NOTICE The Tennessee Fire Service & Codes Enforcement Academy (TFACA) provides the training materials available through the Multimedia Lending Library to Tennessee fire service and code enforcement communities as an educational resource and service. In doing so, TFACA does not necessarily condone or recommend activities or training procedures depicted

or described in the material. It is the responsibility of each fire department's chief or code department official and their respective training officer(s) to determine the suitability of the material for their department based on current standards and recognized practices. Any training materials should only be used as part of a comprehensive and well structured training and educational program that stresses safety and operational procedures of the fire or codes department. TFACA is not accountable for the information presented and is not responsible for the practical application of any knowledge and skills gained from viewing materials borrowed from the Multimedia Lending Library.

Catalog Listings-
Each item listed in this catalog includes the following information:

1. Title
2. Library number
3. Format
4. Brief description

Items are listed under the following headings:

Listing under one of the above headings does not preclude applicability in other situations. Titles are not listed under more than one heading.

Multimedia Lending Library
Catalog of Resource Materials

BASIC FIRE FIGHTING

A, B, C, & D's of Portable Fire Extinguishers (LV-34) 26 Minutes

A step-by-step description of how to operate and use portable fire extinguishers. It describes what is contained in extinguishers and how they work. It shows, using typical industrial background, which extinguishers should be used on the various kinds of fires and how to be applied. An excellent summary for municipal, commercial, and institutional fire safety programs.

A Day to Remember (LV-30) 28 minutes

Any firefighter can make a mistake, veteran as well as rookie. This film emphasizes the importance of turning each mistake into a learning experience. An action-packed drama of a rookie's first day on the job. When the alarm sounds, rookie Tim Nolen is off to learn the ropes from smoke-eating veteran Jake Wheeler. Before this day of heavy fireground action is over, two major blazes and a smoke-hidden little girl expose Time and Jake to hands-on lessons in every aspect of modern day firefighting. The post-fire critiques reveals that both rookie and veteran have made mistakes on this hectic day, that there is no such thing as too much fire sense, and no room for complacency in the fire service.

Advanced Rescue Techniques (LV-15) 30 minutes

Dramatically simulates advanced rescue procedures, using a variety of tools, at cave-ins, multi-story structures, and auto accidents. Also demonstrates hydraulic rescues tools and airlift bags. Defines rescue functions and describes and illustrates the steps in a rescue process; involving motor vehicle accidents, differences in elevations, and structural collapse and cave-ins.

Advanced Ventilation Techniques (LV-39) 30 minutes

An on-the-scene demonstration of both horizontal and vertical ventilation techniques using power tools. Shows how to determine the location and size of a vent hole, take precautions and safety measures, and minimize damage to property by venting through existing openings.

Anatomy and Behavior of Fire (LV-61) 25 minutes

Creates an understanding of fire by demonstrating flame speed, back draft, phases of burning, classes of fire, and heat transfer.

Danger-Fire Fighters at Work (LV-83)

Establishes a safety awareness level for the fire fighter, protective equipment physical fitness, driver training, and fireground operations.

Fire Alarm and Communications (LV-10) 25 minutes

Dramatically traces information flow from the reporting of a fire through fire response. Shows the correct use of radio procedures, fire signals, multiple alarms, and other equipment.

Fire Concepts and Behavior (LV-26) 20 minutes

This film illustrates the principles of combustion to show how fuel, heat, oxygen and chemical chain reactions produce fire. Helps the students better understand how chemical processes result in this common phenomenon.

Fighting Petroleum Storage Fires (LV-50)

Demonstrates the use of water in fighting petroleum storage fires.

Fighting Tank Fires With Water (LV-56)

Demonstrates the use of water while fighting tank fires.

Fire Fighters and Electricity (LV-49)

Explains the dangers and safety techniques involved in energized electrical fires.

Firefighter Safety (LV-43)

Contains the following presentations: Actual fireground footage of firefighters as they received injuries, accompanied by a narrative describing the actions which led to the injury causing situation.

Sandy Lee's Story

A firefighter's story of her accident, the cause of her falling, her recollection of the accident in progress, a description of her injuries, and what actions would have prevented the accident.

Firefighter Safety-Part I(LV-59) 50 minutes

Includes National Fire Academy videos of Firefighter Safety, Sandy Lee's Story, Death of Robert Miller, and the Greg Fleger Incident.

Firefighter Safety-Part II (LV-60) 55 minutes

Includes National Fire Academy videos including: Danger Zone, Training Safety: Lessons for the Future, Managing Communicable Disease Programs, and Firefighter Critical Incident Stress.

Fire Fighting Safety (LV-25) 20 minutes

Filmed live at the scene of a fire to illustrate safety procedures and dangerous conditions, as well as how to avoid disorientation and how to safely operate equipment.

Firehose (LV-35) 26 minutes

Everything you've always wanted to know about fire hose! Construction, sizes use of each, couplings, nozzles, fittings, tools, maintenance, care, carries, and packing. Also procedures for: hydrant to fire layouts, fire to hydrant layouts, changing hose with a without clamp, and advancing hose up a ladder and a stairway.

Fire Hose and Nozzles-Part I (LV-2) 30 minutes

Clearly demonstrates hoses, adapters, couplers and other equipment used to join and extend hoselines. Also shows how to roll, carry, drag, and load hose onto pumpers, and demonstrates hose cleaning, repair and inspections.

Fire Hose and Nozzles-Part II (LV-3) 30 minutes

At a fire scene on ladders, stairways and the ground floor of a building, this demonstration of hose and nozzles uses both dry and charged hose. Shows hookup and advancing the hose to the fire. Covers both individual and team hose handling, emphasizing speed, efficiency and safety.

Fire Streams (LV-11) 20 minutes

Filmed on location to show the use of fire streams in attacking and suppressing Class A and B fires. Demonstrates the proper way to open and close nozzles. Describes water hammer and how to cope with it.

First Aid (LV-6) 30 minutes

Shows current emergency first aid procedures, including ways to evaluate a victim and approved techniques for resuscitation, CPR, control of bleeding, and treatment of shock.

Forcible Entry (LV-7) 15 minutes

Tells the how, why and when of forcible entry, including the use of typical tools for the job. Carefully explains the responsibility for security arising from forcible entry.

General Qualifications (LV-5) 30 minutes

Shows the organization of a fire department and its scope of operation as well as the rules and regulation that apply to each fire fighter. Positively presents departmental rules, regulations, discipline and teamwork.

Ladders (LV-42) 30 minutes

Shows crews actually using various types of ladders up to 35 ft. to move both personnel and equipment. Stresses individual and team effort while demonstrating fire fighting from ladders using hose and other equipment.

Nozzleman (LV-38) 20 minutes

Techniques in handling firefighting hose nozzles and methods of applying water to structural fires in most efficient manner.

Portable Extinguishers (LV-19) 30 minutes

Clearly explains how to select and use extinguishers for different types of fires. Types of extinguishers covered include AFFF, dry chemical, carbon dioxide and Halon.

Positive Pressure Ventilation-Part I (LV-69) 27 minutes

Explains the basic principles of positive pressure ventilation, lists equipment selection criteria and describes basic equipment set-up for salvage and overhaul operations.

Positive Pressure Ventilation-Part II (LV-70) 27 minutes

Demonstrates set-up variations for various structures during salvage and overhaul, including single and multiple story residential structures and basements, commercial structures with apartments, offices, or large open areas and high rise buildings.

Power Tools and Forcible Entry (LV-20) 30 minutes

Live action demonstration of how to use power tools for entering through doors, windows, roofs, ceilings, floors and other barriers. Emphasizes the proper care and use of tools and stresses the importance of safety and discretion while using these tools at the fireground.

Principles of Ventilation (LV-88)

Discusses what ventilation is, what makes it work, and basic fireground procedures to initiate effective, ventilation efforts.

Protective Breathing Apparatus (LV-62) 30 minutes

Develops a thorough appreciation for protective breathing apparatus by explaining and demonstrating types and operation, proper use, and care and maintenance for equipment.

Protective Clothing and Breathing Apparatus (LV-82)

Focuses upon the need for firefighters to utilize full, effective protective equipment while combating fires. Standards for various items of protective equipment and their appropriate use and maintenance are included.

Rescue (LV-13) 20 minutes

Shows approved procedures for locating and rescuing people in burning structures. Demonstrates carries, drags, life nets, stretchers, life belts and other rescue equipment and techniques.

Ropes and Knots (LV-48) 20 minutes

Shows how a firefighter uses ropes and knots to secure and hoist personnel and equipment. All knots are clearly demonstrated.

Salvage (LV-4) 15 minutes

Shows how buildings and contents are salvaged, including the folding and throwing of covers. Emphasizes protection of public and private property.

Salvage and Overhaul Operations (LV-21) 30 minutes

Shows effective, practical procedures for evacuating water and debris from structures using water chutes, catch-alls and other salvage tools. Also demonstrates methods of detecting and extinguishing hidden fires and performing general overhaul.

Search and Rescue (LV-90)

Demonstrates the precautions and procedures necessary to effectively conduct a search for fire victims.

Selecting and Applying Fire Steams (LV-18) 30 minutes

Dramatically demonstrates the effects of proper fire stream application. Shows how to predict necessary fire flow, and how to assemble nozzles and appliances to produce different types of fire streams. Includes special nozzles and foam-making appliances.

Self Contained Breathing Apparatus (LV-84-87)

A series of Self Contained Breathing Apparatus training programs showing up-to-date techniques on the specified subjects.

> Essential Maintenance Procedures (LV-85)
>
> Describes proper cleaning procedures and daily, weekly and monthly preventative maintenance inspection procedures.

Duration Time, Facepiece Fit (LV-84)

Factors affecting actual duration time are illustrated, as is the need for and problems related to proper facepiece fit.

Demand and Positive Pressure Types (LV-87)

Explanation of operating principles of the two common regulator designs.

Contaminated Atmospheres (LV-86)

Explores the nature and dangers of unprotected exposure to the products of combustion.

Sprinklers (LV-12) 15 minutes

Clearly explains the operation of water sprinkler systems, including motor alarms, tapping into sprinkler systems for water supply and opening and closing sprinkler systems.

Structural Fire Attack (LV-31) 22 minutes

A training film that promotes the advantages of training through pre-planning. Among the topics discussed are: fire spread methods, determination of required fire flows, back drafts, fire protection priorities, direct and indirect attack, use of hand lines and master streams, and building confidence through training. Recommended for all fire protection personnel.

Testing Water Systems (LV-17) 30 minutes

A thorough view of the technical aspects of examining and testing water supply systems. Includes demonstrations of how to test and read water flow pressures and determine discharge capacities for water systems. Also shows how to predict hydrant usability and determine the cause of friction loss in water mains.

Traffic Control At Emergencies (LV-64) 27 minutes

Helps first response personnel reduce the hazards created by traffic at the scene of an incident by demonstrating the functions and procedures of traffic control operations.

Using and Maintaining SCBA (LV-63) 30 minutes

Describes emergency techniques and demonstrates inspection and maintenance procedures for open and closed circuit system, including cylinder recharging.

Ventilation (LV-1) 30 minutes

Live footage covers principles of ventilation in fire suppression. Shows safely how to cut holes in roofs and floors, break glass, and protect against back draft explosion.

Ventilation-NY (LV-37) 26 minutes

A valuable training film about basic ventilation practices, including practical demonstrations as well as a detailed discussion of ventilation techniques. Produced by the New York Division of Fire Safety.

Ventilation-Natural and Mechanical (LV-89)

Specific techniques of performing natural and mechanical ventilation under various fire attack situations are presented.

Water Distribution Systems (LV-16) 30 minutes

A practical examination identifying the primary components of water systems, including source, movement and distribution.

Cairns-Protective Clothing (LV-51)

Give detailed information on construction features of firefighters turnout coats as designed by the manufacturer.

First Aid for Burns and Fractures (LV-47) 30 minutes

Competently shows advanced first aid procedures for setting bones and treating fractures, controlling internal bleeding and treating thermal and chemical burns.

FIRE GROUND COMMAND

Fire Ground Operations (LV-14) 30 minutes

Vividly demonstrates how to assume command of a fire or emergency from first alarm through return to quarters. Explains alarm assignments and shows how to size up a situation, formulate a strategy, implement an attack and preserve evidence of a fire's probable cause.

Pre-Fire Planning (LV-24) 30 minutes

Carefully explains pre-fire planning procedures for structures in the community. Identifies key elements of a pre-fire plan and explains their strategic importance.

Structural Collapse (LV-81)

Covers the pre-fire plan, fundamentals of building construction, fire ground responsibilities, rescue operations and analysis of building collapse incident.

FIRE APPARATUS

Developing Fire Flow-Hydraulics (LV-40) 30 minutes

Emphasizes the importance of hydraulics in achieving necessary fire flow, and shows how to calculate desired pump discharge pressure for a variety of fire ground situations.

The Easy Way Out (LV-36) 20 minutes

Explains what foam is, how it works, characteristics of a good firefighting foam, and application procedures.

Elements of Tanker Construction (LV-53) 30 minutes

Defines tankers and their functions. Explains tanker construction and the importance of the design features in filling and dumping water.

Fire Pumps: Operating Principles and Maintenance (LV-66) 30 minutes

This program demonstrates the operating principles and maintenance of fire pumps as part of the requirements to qualify as pumper driver/operator.

Flowmeters (LV-44) 16 minutes

Explores the logic of working with GPM instead of PSI. The operation of one type flowmeter is included.

Ladder and Aerial Apparatus (LV-22) 30 minutes

Dramatically demonstrates aerial ladders and apparatus during rescues and fire suppression operations.

Pre-Fire Planning for Tankers (LV-54) 30 minutes

Assesses the reliability of water resources, structure surveys, response times and alarm assignments. Lists the components of a tanker training program.

Primary Administrative and Automotive Qualifications (LV-65) 30 minutes

This program presents methods and ideas typically used to qualify emergency personnel as apparatus operators.

Tanker Evolutions (LV-55) 30 minutes

Utilizes formulas and ISO tables to calculate tanker shuttle times. Explains fire flow demands and tanker delivery rates.

Waterous Pumps (LV-67) 32 minutes

Describes the principles of fire pump operation and maintenance. Produced by the Waterous Company.

HAZARDOUS MATERIALS

Applying Basic Chemistry to Haz/Mats (LV-72) 34 minutes

Demonstrates and explains the basic properties of hazardous materials to help first responders make safe decisions in emergency situations.

BLEVE (LV-29) 19 minutes

Excellent film explaining the occurrence of bleve (boiling liquid expanding vapor explosions), using animation and case histories to document the dangers of LP Gas and other transported chemicals.

Closed Containers and Fire (LV-32) 20 minutes

Summarizes what firefighting forces should be aware of when fighting fires where containers are involved. It answers two main questions in sizing-up a Bleve: 1) to what dangers should fire fighters be exposed, and 2) how can each fire fighter minimize risk?

First on the Scene (LV-45) 30 minutes

Produced by the Chemical Manufacturers Association in order to provide guidelines for first arriving units at the scene of a hazardous material incident.

Haz/Mat Awareness (LV-73) 20 minutes

Defines "hazardous materials" and lists life and health dangers and their potential locations in the community. Gives clues and guidelines for first responders.

Haz/Mat Incident Procedures (LV-75) 20 minutes

Covers basic first responders responsibilities involved in incident response procedures.

Haz/Mat Pre-Incident Risk Analysis (LV-74) 20 minutes

Includes hazardous site locations, how to conduct a site survey and what to look for when reading Material Safety Data Sheets.

LP-Gas Emergency Planning and Response (LV-28) 19 minutes

Presents an overview of the characteristics of LP-Gas, the kinds of fire emergencies that can arise and the strategies recommended to handle them.

Teamwork-Safe Handling of a Hazardous Materials Incident (LV-46) 36 minutes

Stresses the need for pre-planning, particularly with regard to other response agencies. Identifying resources, media cooperation and the value of a post-incident critique area is also discussed.

"The Emergency Response Guidebook: A Tool for Safety" (LV-52)

Describes to D.O.T. Guidebook on hazardous materials and clarifies specific aspects of its recommendations on handling incidents.

INSPECTION PRACTICES

Fire Company Inspections (LV-23) 30 minutes

Thoroughly shows how to inspect assembly buildings, businesses and schools, using the skills of the fire company. Explains how to develop a system for performing thorough inspections using fire company personnel.

Inspecting and Testing Sprinkler Systems (LV-41) 30 minutes

Shows how to inspect wet, dry and fixed chemical types of sprinkler systems. Also demonstrates the operation of valves affecting each system and shows how to replace sprinkler heads and reset systems.

Inspection- Part I (LV-8) 20 minutes

Explores the typical causes of fires, showing how inspection can be an important tool for fire prevention and then presents the basics of fire prevention inspections.

Inspection-Part II (LV-9) 30 minutes

A lively presentation of the importance of public relations for inspection programs. Also identifies common hazards and shows how to remove them through mutual cooperation. Gives examples of on-site inspections of industrial and residential structures.

Firebugs (LV-33) 35 minutes

Eight people, each one with a different “hangup”, but all with one thing in common-they set fires. What is it that motivates a person to deliberately set a fire without any regard for the resulting property damage or the possible loss of life? This unique film drama explores the psychological backgrounds of these eight arsonists and discovers the “why” behind each of their behavioral patterns. The film then dramatically illustrates the role of the first-in firefighters to find and preserve evidence to provide essential information and assistance in the investigation of arson. It is an invaluable training aid to the Fire Service, Law Enforcement Agencies, Fire Academies and schools.

Guide to Investigating Motor Vehicle Fires (LV-103) 45 minutes

This program focuses on the importance of investigating a fire thoroughly. The major topics addressed include: Reasons vehicle fires must be investigated, overall steps in an investigation, types of evidence, protecting evidence, defining the point of origin, heat source, reason for the fire, accelerant usage, identifying contributing factors and procedures for exterior and interior vehicle examinations. This program can be used as a self-study program or in a classroom. The student text is divided into segments that correspond to the videotape segments. You will alternatively view a segment of the videotape and read a portion of the text. Each segment in the text contains specific instructions on how to use the program.

American Heat Series

May 1989 Volume 3 Program 11 (LV-76)

Motel Gas Explosion, Billings, MT-Multi Fatal Fire, Peoria, IL-Kansas City Fatal Explosion Report-Delaware Enhanced 911-Fire Service Caucus, Washington, DC-Pulitzer Prize Winning Fire Photo.

July 1989 Volume 4 Program 1 (LV-77)

Train Derailment & Pipeline Explosion, San Bernardino, CA-Dramatic Bridge Rescue, Jacksonville, FL-Foam Rubber Warehouse Fire, Brent, FL-Tabletop Demonstration-American Heaters.

August 1989 Volume 4 Program 2 (LV-78)

Fatal High-Rise Fire, Atlanta, GA-T.V. Tower Rescue, Baton Rouge, LA-Hackensack Memorial-Fire Fighting Foam Tabletop Demonstration-American Heaters

September 1989 Volume 4 Program 3 (LV-79)

Magnesium Fires: Do's and Don'ts-Construction and Brush Fire, Flagstaff, AZ-Hackensack Chief Interview-Pool Drowning, Phoenix, AZ-American Heaters

October 1989 Volume 4 Program 4 (LV-80)

Flashovers, Oklahoma City, OK, Biloxi, MS-Flight 232, Sioux City, IA-Collapse, Orange County, FL-Kansas City Fatal Blast-American Heaters

November 1989 Volume 4 Program 5 (LV-91)

1st Report: San Francisco Earthquake, Plastic Recycling Plant Blaze: Exeter, PA, Fatal Train Wreck: Catlett, VA, Emergency Response Driver Safety, Swift Water Rescue: Baltimore County, MD, Fatal Industrial Fire: Pasadena, TX

December 1989 Volume 4 Program 6 (LV-92)

San Francisco, Oakland, Bay Area Earthquake-Special Edition

January 1990 Volume 4 Program 7 (LV-93)

Nursing/Retirement Home Fires: Norfolk and Roanoke, VA, Johnson City, TN Navy Jet Crash: Smyrna, GA, Cold Weather Firefighting, Washington Notebook, American Heaters

February 1990 Volume 4 Program 8 (LV-94)

Power Plant Explosion & Fire: Bronx, NY, Highrise & Exposure Fire: Los Angeles, CA, Americana Amusement Fire: LeSourdsville, OH Manhole Explosion & Rescue: Walpole, MA University of Cincinnati: College Questions

March 1991 Volume 4 Program 9 (LV-95)

Mill Conflagration: Providence, RI, Gravel Cave In Rescue: Prince George's County, MD, Highway Pileup: Flagstaff, AZ, 2nd Alarm, Part I; Ice/Water Safety & Rescue Techniques, American Heaters, 3rd Alarm, Cal Hypo & ISO's

April 1990 Volume 4 Program 10 (LV-96)

Social Club Fire Kills 87: New York, NY First Report, Subway Crash: Philadelphia, PA, Firefighter Cancer: Ft. Lauderdale, FL, 2nd Alarm, Tire Fire: Nanicoke, Ontario, Water & Ice Safety, Part 2

May 1990 Volume 4 Program 11 (LV-97)

Hotel Fatal Fire: Miami, FL, Bow String Truss Roof Collapse, Beverton, OR Boat Works Fire: Palm Beach, FL 2nd Alarm, Class "A" Foams: Municipal Fire Fighting, Elkton, ML

June 1990 Volume 4 Program 12 (LV-98)

Train Derailment & Explosions: Armstrong County, PA, Citgo Tank Farm Fire: Tampa, FL 2nd Alarm, Flammable Solids Fires: Seattle, WA, American Heaters

July 1990 Volume 5 Program 1 (LV-99)

Mega Borg Tanker Fire: Texas Gulf Coast, Fatal Fire Engine Crash, Part I: Waterbury, CT 2nd Alarm, Swedish National Rescue School, Part I: Rosersberg, Sweden, American Heaters

August 1990 Volume 5 Program 2 (LV-100)

Wild Land Blazes: Santa Barbara, CA, Historic Woolworth's Fire: Miami, L, 2nd Alarm, Fatal Fire Engine Crash, Part 2: Waterbury, CT, Swedish Flashover Training

September 1990 Volume 5 Program 3 (LV-101)

BASF Plant Explosion: Cincinnati, OH, Fatal Floods: Shadyside OH, 2nd Alarm, Plastics Warehouse Fire: Syracuse, NY, American Heaters

October 1990 Volume 5 Program 4 (LV-102)

Metro-Rail Fire: Los Angeles, CA, Lightning Fire: West Palm Beach, FL, Massive Tornado: Plainfield, IL, 2nd Alarm, Class A Foam Tests: Sikeston, MO, American Heaters

November 1990 Volume 5 Program 5 (LV-104)

Isopropyl Alcohol Fire: Tampa, FL, Toddler Rescue: Denver, CO, 2nd Alarm, Earthquake Preparedness for the Public, National Fire Prevention Week Ceremonies

December 1990 Volume 5 Program 6 (LV-105)

Universal Studios Blaze: Los Angeles, CA, Jupiter Shipboard Fire: Bay City, MI 2nd Alarm, Fatal Fraternity Fire: Berkeley, CA Fire Service Training Academies

January 1991 Volume 5 Program 7 (LV-108)

Tank Farm Inferno: Denver, CO, Magnesium Fire: City of Industry, CA 2nd Alarm, Apartment complex Blaze: Thousand Oaks, CA American Heaters

February 1991 Volume 5 Program 8 (LV-109)

10 Alarm Conflagration: Revere, MA, Major Freeway Pileup: Calhoun, TN 2nd Alarm, Natural Gas Explosion: Fort Benjamin Harrison, IN, Natural Gas Discussion

March 1991 Volume 5 Program 9 (LV-110)

Philadelphia High Rise Fire, USAIR Collision: Los Angeles, CA, City Block Fire Fatality: Paterson, NJ, 2nd Alarm, Block Long Blaze: Brooklyn, NY, Tree Stump Fire: Baltimore County, MD

April 1991 Volume 5 Program 10 (LV-111)

Expanded Report: Philadelphia High Rise Fire, 2nd Alarm, Yellow Phosphorus Train Derailment: Cooper County, MO Deep Mine Rescue Training: Timonium, MD

Assistance to Firefighters Grant Program 2003 Applicant Workshop (LV135)
55 minutes

To protect health and safety of the public and Firefighters against fire and fire related hazards and to provide assistance for fire protection programs. How to obtain grants.